

IN THE CLAIMS

The following listing of the claims replaces all prior listings:

1.-12. Cancelled

13. (Previously Presented) A radio communication method in a phone having a first part operatively configured to effect a first bidirectional radio communication with a predetermined station and a second part operatively configured to effect a second bidirectional radio communication with a reader/writer when the phone is positioned adjacent to the reader/writer, the method comprising:

detecting, via the second part of the phone, a signal transmitted by the reader/writer to start the second radio communication with the reader/writer; and

in response to detecting the signal transmitted by the reader/writer to start the second radio communication with said reader/writer, temporarily stopping output of transmission data in the first radio communication with said predetermined station such that the second radio communication is immediately inhibited from causing interference in the first radio communication,

wherein the step of temporarily stopping output of transmission data comprises stopping, via a controller associated with the second part of the phone, the inputting of transmission data into a buffer that temporarily stores the transmission data,

wherein the first part of the phone includes a software-hierarchy communication model having a data-link layer and a another layer, the data-link layer being operatively configured to manage transmission data congestion associated with the other layer when in a first mode and the step of temporarily stopping output of transmission data further comprises temporarily forcing

the data-link layer into the first mode irregardless of whether the other layer is in a data congestion state.

14. (Previously Presented) A radio communication unit comprising:

a first radio communication processor operatively configured to generate a first bidirectional radio communication with a predetermined station;

a second radio communication processor operatively configured to generate a second bidirectional radio communication with an adjacent reader/writer; and

a controller operatively configured to detect a signal transmitted by the reader/writer for starting the second radio communication with the reader/writer and to temporarily stop output of transmission data in said first radio communication processor in response to detecting the signal such that the second radio communication is immediately inhibited from causing interference in the first radio communication;

a buffer used by the first radio communication processor to temporarily store the transmission data for output, wherein the controller stops the output of transmission data by temporarily inhibiting the input of the transmission data into the buffer;

a software-hierarchy communication model run by the first radio communication processor, the communication model having a data-link layer and an another layer, the data-link layer being operatively configured to manage transmission data congestion associated with the other layer when in a first mode,

wherein the step of temporarily stopping output of transmission data further comprises temporarily forcing the data-link layer into the first mode irregardless of whether the other layer is in a data congestion state.